Index to Volume 48

Authors and Titles

Aberton J
See Wilson BA *et al.* 247
Adams MA
See Islam M *et al.* 435
Afshar-Sterle S, Kollmorgen JF, Fincher GB
Production of fertile regenerants from protoplasts of *Triticum tauschii* (Coss.) Schmal. 501
Aguilar EA, Turner DW, Sivasithamparam K
Fusarium oxysporum f. sp. *cubense* inoculation and hypoxia alter peroxidase and phenylalanine ammonia lyase activities in nodal roots of banana cultivars (*Musa* sp.) differing in their susceptibility to Fusarium Wilt 589
Ahmed AK, Johnson KA
Turner Review no 3. Horticultural development of Australian native edible plants 417
Anderson JE, Kriedemann PE, Austin MP, Farquhar GD
Eucalypts forming a canopy functional type in dry sclerophyll forests respond differentially to environment 759
Anthony J, McLean CB, Lawrie AC
In vitro propagation of *Epacris impressa* (Epacridaceae) and the effects of clonal material 215
Ashton DH
The big Ash forest, Wallaby Creek, Victoria — changes during one lifetime 1
Atchison JM, Head LM, McCarthy LP
Stomatal parameters and atmospheric change since 7500 years before present: evidence from *Eremophila deserti* (Myoporaceae) leaves from the Flinders Ranges region, South Australia 223
Auld TD, Keith DA, Bradstock RA
Patterns in longevity of soil seedbanks in fire-prone communities of south-eastern Australia 539
Austin MP
See Anderson JE *et al.* 759
Ayre DJ
See Richardson MBG *et al.* 357

Bach CE
Effects of clonal integration on response to sand burial and defoliation by the dune plant *Ipomoea pes-caprae* (Convolvulaceae) 159
Back PV
See Burrows WH *et al.* 707
Barlow BA
See Hopper SD *et al.* 287
Barnes RW, Jordan GJ, Hill RS, McCoull CJ
A common boundary between distinct northern and southern morphotypes in two unrelated Tasmanian rainforest species 481
Baverstock PR
See Rossetto M *et al.* 367
Bell JC
See Searle SD *et al.* 279
Bradstock RA
See Auld TD *et al.* 539
See Cohn JS *et al.* 59
Brennan KG
See Woinarski JCZ *et al.* 115
Brodribb T
See Isoda K *et al.* 753
Brown AHD, Brubaker CL
Genetics and the conservation and use of Australian wild relatives of crops 297
Brown AJ
See James EA *et al.* 383
Brubaker CL
See Brown AHD *et al.* 297
Burdon JJ
See Thrall PH *et al.* 731
Burgin S
See Jobson RW *et al.* 549
Burrows GE
An anatomical study of epicormic bud strand structure in *Eucalyptus cladocalyx* (Myrtaceae) 233
Seed production in woodland and isolated trees of *Eucalyptus melliodora* (yellow box, Myrtaceae) in the South Western Slopes of New South Wales 681
Burrows WH, Hoffmann MB, Compton JF, Back PV, Tait LJ
Allometric relationships and community biomass estimates for some dominant eucalypts and associated species in Central Queensland woodlands 707
Butcher PA
See Moran GF *et al.* 313
Byrne M
See Millar MA *et al.* 475
Byrne M, Macdonald B
Phylogeography and conservation of three oil mallee taxa, *Eucalyptus kochii* ssp. *kochii*, ssp. *plenissima* and *E. horistes* 305

Cahill DM
See Wilson BA *et al.* 247
Chalmers P
See Jordan GJ *et al.* 561
Chaturvedi M, Datta K
Studies in the pollen morphology of *Cajanus cajan* (L.) Millsp. and its wild ally *Atylosia* W. & A. 507
Chen X
See O'Grady AP *et al.* 629
Christophel DC
See Prider JN *et al.* 427
Clarke PJ, Davison EA, Fulloon L
Germination and dormancy of grassy woodland and forest species: effects of smoke, heat, darkness and cold 687
Coates DJ
Defining conservation units in a rich and fragmented flora: implications for the management of genetic resources and evolutionary processes in south-west Australian plants 329
See Millar MA *et al.* 475
Cohn JS, Bradstock RA
Factors affecting post-fire seedling establishment of selected mallee understorey species 59
Compton JF
See Burrows WH *et al.* 707
Conran JG, Wood GM, Martin PG, Dowd JM, Quinn CJ, Gadek PA, Price RA
Generic relationships within and between the gymnosperm families Podocarpaceae and Phyllocladaceae based on an analysis of the chloroplast gene *rbc*L 715

Cowie I
See Woinarski JCZ *et al.* 115
Crouch JH
See Newbury HJ *et al.* 493
Crowden RK
See Gilmour CA *et al.* 603
Cunningham SA
What determines the number of seed produced in a flowering event? A case study of *Calyptrogyne ghiesbreghtiana* (Arecaceae) 659

Datta K
See Chaturvedi M *et al.* 507
Davison EA
See Clarke PJ *et al.* 687
Dell B
See Howard K *et al.* 725
Denham AJ, Whelan RJ
Reproductive ecology and breeding system of *Lomatia silaifolia* (Proteaceae) following a fire 261
Diem HG
See Martin-Laurent F *et al.* 109
Dietzgen RG
See Hall RM *et al.* 673
Dillenburg LR
See Duarte LS *et al.* 531
Dixon KW
See Merritt DJ *et al.* 581
See Turner SR *et al.* 739
Dowd JM
See Conran JG *et al.* 715
Drew RA
See Hall RM *et al.* 673
Duarte LS, Dillenburg LR
Ecophysiological responses of *Araucaria angustifolia* (Araucariaceae) seedlings to different irradiance levels 531

Eamus D
See O'Grady AP *et al.* 629
See Thomas DS *et al.* 143

Fairfax RJ
See Fensham RJ *et al.* 27
Farquhar GD
See Anderson JE *et al.* 759
Fensham RJ, Minchin PR, Fairfax RJ, Kemp JE, Purdie RW, McDonald WJF, Neldner VJ
Broad-scale environmental relations of floristic gradients in the Mitchell grasslands of Queensland 27
Fincher GB
See Afshar-Sterle S *et al.* 501
Fisher A
See Woinarski JCZ *et al.* 115
Ford-Lloyd BV
See Newbury HJ *et al.* 493
Franklin DC, Noske RA
Nectar sources used by birds in monsoonal north-western Australia: a regional survey 461
Fulloon L
See Clarke PJ *et al.* 687

Gadek PA
See Conran JG *et al.* 715

Gaff DF
See Iturriaga G *et al.* 153
Gilmour CA, Crowden RK, Koutoulis A
Heat shock, smoke and darkness: partner cues in promoting seed germination in *Epacris tasmanica* (Epacridaceae) 603
Glaubitz JC
See Moran GF *et al.* 313
Goldingay RL
Further assessment of pollen limitation in the waratah (*Telopea speciosissima*) 209
Gregory E
See Young A *et al.* 667
Grigg AM, Pate JS, Unkovich MJ
Responses of native woody taxa in *Banksia* woodland to incursion of groundwater and nutrients from bordering agricultural land 777
Gul B, Khan MA, Weber DJ
Alleviation of salinity and dark-enforced dormancy in *Allenrolfea occidentalis* seeds under various thermoperiods 745

Hall RM, Drew RA, Higgins CM, Dietzgen RG
Efficient organogenesis of an Australian passionfruit hybrid (*Passiflora edulis* × *Passiflora edulis* var. *flavicarpa*) suitable for gene delivery 673
Hardy GE St
See Howard K *et al.* 725
Harriss FCL
See Rossetto M *et al.* 367
Harwood CE
See Larmour JS *et al.* 445
Hawkins B, Polglase PJ
Foliar concentrations and resorption of nitrogen and phosphorus in 15 species of eucalypts grown under non-limited water and nutrient availability 597
He J
See Martin-Laurent F *et al.* 109
He T-h, Rao G-y, You R-l
Reproductive biology of *Ophiopogon xylrrhizus* (Liliaceae *s.l.*): an endangered endemic of Yunnan, Southwest China 101
Head LM
See Atchison JM *et al.* 223
Henry RJ
See Rossetto M *et al.* 367
Higgins CM
See Hall RM *et al.* 673
Higham RK, McQuillan PB
Cyathodes divaricata (Epacridaceae) — the first record of a bird-pollinated dioecious plant in the Australian flora 93
Hill RS
See Barnes RW *et al.* 481
Hoffmann MB
See Burrows WH *et al.* 707
Hogbin PM, Peakall R, Sydes MA
Achieving practical outcomes from genetic studies of rare Australian plants 375
Holman JE, Playford J
Molecular and morphological variation in the *Senna artemisioides* complex 569
Hopper SD
How well do phylogenetic studies inform the conservation of Australian plants? 321

Hopper SD, Barlow BA
Obituary. Sidney Herbert James, 1933–1998 287
Howard K, Dell B, Hardy GE St
Phosphite and mycorrhizal formation in seedlings of three Australian Myrtaceae 725
Howell EC
See Newbury HJ *et al.* 493
Hurley M
Growth dynamics and leaf quality of the stinging trees *Dendrocnide moroides* and *Dendrocnide cordifolia* (Family Urticaceae) in Australian tropical rainforest: implications for herbivores 191
Hutley LB
See O'Grady AP *et al.* 629

Islam M, Turner DW, Adams MA
Regeneration of the legumes *Acacia ancistrocarpa* and *Senna notabilis* in the Pilbara region of Western Australia: mineral nutrition and carbon fractions 435
Isoda K, Brodribb T, Shiraishi S
Hybrid origin of *Athrotaxis laxifolia* (Taxodiaceae) confirmed by random amplified polymorphic DNA analysis 753
Iturriaga G, Gaff DF, Zentella R
New desiccation-tolerant plants, including a grass, in the central highlands of Mexico, accumulate trehalose 153
Izquierdo LY, Piñero D
High genetic diversity in the only known population of *Aechmea tuitensis* (Bromeliaceae) 645
James EA, Brown AJ
Morphological and genetic variation in the endangered Victorian endemic grass *Agrostis adamsonii* Vickery (Poaceae) 383

James SH
Genetic systems in the south-west flora: implications for conservation strategies for Australian plant species 341
Jobson RW, Morris EC, Burgin S
Carnivory and nitrogen supply affect the growth of the bladderwort *Utricularia uliginosa* 549
Johnson KA
See Ahmed AK *et al.* 417
Jones GP
See Naidu BP *et al.* 611
Jordan GJ
See Barnes RW *et al.* 481
Jordan GJ, Potts BM, Chalmers P, Wiltshire RJE
Quantitative genetic evidence that the timing of vegetative phase change in *Eucalyptus globulus* ssp. *globulus* is an adaptive trait 561

Keith DA
See Auld TD *et al.* 539
Kemp JE
See Fensham RJ *et al.* 27
Khan MA
See Gul B *et al.* 745
Kollmorgen JF
See Afshar-Sterle S *et al.* 501
Koutoulis A
See Gilmour CA *et al.* 603
Krauss SL
Patterns of mating in *Persoonia mollis* (Proteaceae) revealed by an analysis of paternity using AFLP: implications for conservation 349

Kriedemann PE
See Anderson JE *et al.* 759

Langston A
See Young A *et al.* 667
Larmour JS, Whitfeld SJ, Harwood CE, Owen JV
Variation in frost tolerance and seedling morphology of the spotted gums *Corymbia maculata, C. variegata, C. henryi* and *C. citriodora* 445
Latz PK
See Woinarski JCZ *et al.* 115
Lawrie AC
See Anthony J *et al.* 215
Lee LS
See Rossetto M *et al.* 367
Lee S-K
See Martin-Laurent F *et al.* 109
Li X
See Tobe K *et al.* 455
Lynch AJJ, Neldner VJ
Problems of placing boundaries on ecological continua — options for a workable national rainforest definition in Australia 511

Macdonald B
See Byrne M *et al.* 305
Martin PG
See Conran JG *et al.* 715
Martin-Laurent F, Tham FY, Lee S-K, He J, Diem HG
Field assessment of aeroponically grown and nodulated *Acacia mangium* 109
McCarthy LP
See Atchison JM *et al.* 223
McComb JA
See Millar MA *et al.* 475
McCoull CJ
See Barnes RW *et al.* 481
McDonald WJF
See Fensham RJ *et al.* 27
Mclauchlan A
See Rossetto M *et al.* 367
McLean CB
See Anthony J *et al.* 215
McQuillan PB
See Higham RK *et al.* 93
Merritt DJ, Touchell DH, Dixon KW, Plummer JA, Turner DW
Moisture content influences survival of cryostored seed of *Banksia ashbyi* (Proteaceae) 581
Millar MA, Byrne M, Coates DJ, Stukely MJC, McComb JA
Mating system studies in jarrah, *Eucalyptus marginata* (Myrtaceae) 475
Miller C
See Young A *et al.* 667
Minchin PR
See Fensham RJ *et al.* 27
Moran GF
See Searle SD *et al.* 279
Moran GF, Butcher PA, Glaubitz JC
Application of genetic markers in the domestication, conservation and utilisation of genetic resources of Australasian tree species 313
Morris EC
Germination response of seven east Australian *Grevillea* species (Proteaceae) to smoke, heat exposure and scarification 179
See Jobson RW *et al.* 549

Morrison DA, Renwick JA
Effects of variation in fire intensity on regeneration of co-occurring species of small trees in the Sydney region 71
Murray BG
See Young AG *et al.* 409

Naidu BP, Paleg LG, Jones GP
Accumulation of proline analogues and adaptation of *Melaleuca* species to diverse environments in Australia 611
Neldner VJ
See Fensham RJ *et al.* 27
See Lynch AJJ *et al.* 511
Newbury HJ, Howell EC, Crouch JH, Ford-Lloyd BV
Natural and culture-induced genetic variation in plantains (*Musa* spp. AAB group) 493
Noble AH
See Pate FD *et al.* 203
Noske RA
See Franklin DC *et al.* 461

O'Brien MM, Quinn CJ, Wilson PG
Molecular systematics of the *Leptospermum* suballiance (Myrtaceae) 621
O'Grady AP, Chen X, Eamus D, Hutley LB
Composition, leaf area index and standing biomass of eucalypt open forests near Darwin in the Northern Territory, Australia 629
Omasa K
See Tobe K *et al.* 455
Owen JV
See Larmour JS *et al.* 445

Paleg LG
See Naidu BP *et al.* 611
Panetta FD
Short note: Fates of fruits and seeds of *Ligustrum lucidum* W.T.Ait. and *L. sinense* Lour. maintained under natural rainfall or irrigation 701
Parsons RF
Monocotyledonous geophytes: comparison of California with Victoria, Australia 39
Pate FD, Noble AH
Geographic distribution of C_3 and C_4 grasses recorded from stable carbon isotope values of bone collagen of South Australian herbivores 203
Pate JS
See Grigg AM *et al.* 777
Peakall R
See Hogbin PM *et al.* 375
Pickering CM
Sex-specific differences in floral display and resource allocation in Australian alpine dioecious *Aciphylla glacialis* (Apiaceae) 81
Piñero D
See Izquierdo LY *et al.* 645
Playford J
See Holman JE *et al.* 569
Plummer JA
See Merritt DJ *et al.* 581
Polglase PJ
See Hawkins B *et al.* 597
Potts BM
See Jordan GJ *et al.* 561
Price RA
See Conran JG *et al.* 715
Prider JN, Christophel DC
Distributional ecology of *Gymnostoma australianum* (Casuarinaceae), a putative palaeoendemic of Australian wet tropic forests 427
Purdie RW
See Fensham RJ *et al.* 27

Quinn CJ
See Conran JG *et al.* 715
See O'Brien MM *et al.* 621

Rao G-y
See He T-h *et al.* 101
Reid N, Stafford-Smith M
Population dynamics of an arid zone mistletoe (*Amyema preissii*, Loranthaceae) and its host *Acacia victoriae* (Mimosaceae) 45
Renwick JA
See Morrison DA *et al.* 71
Richardson MBG, Ayre DJ, Whelan RJ
Pollinator behaviour, mate choice and the realised mating systems of *Grevillea mucronulata* and *Grevillea sphacelata* 357
Rossetto M, Harriss FCL, Mclauchlan A, Henry RJ, Baverstock PR, Lee LS
Interspecific amplification of tea tree (*Melaleuca alternifolia*—Myrtaceae) microsatellite loci—potential implications for conservation studies 367
Russell-Smith J
See Woinarski JCZ *et al.* 115

Sarup VB
See Stafstrom JP *et al.* 271
Searle SD, Bell JC, Moran GF
Genetic diversity in natural populations of *Acacia mearnsii* 279
Shanahan S
See Thomas DS *et al.* 143
Shapcott A
Conservation and genetics in the fragmented monsoon rainforest in the Northern Territory, Australia: a case study of three frugivore-dispersed species 397
Shelden M, Sinclair R
Water relations of feral olive trees (*Olea europaea*) resprouting after severe pruning 639
Shiraishi S
See Isoda K *et al.* 753
Sinclair R
See Shelden M *et al.* 639
Sivasithamparam K
See Aguilar EA *et al.* 589
Stafford-Smith M
See Reid N *et al.* 45
Stafstrom JP, Sarup VB
Development of supernumerary buds from the axillary meristem of pea, *Pisum sativum* (Fabaceae) 271
Stukely MJC
See Millar MA *et al.* 475
Svenning J-C
Growth strategies of clonal palms (Arecaceae) in a neotropical rainforest, Yasuní, Ecuador 167

Sydes MA
See Hogbin PM *et al.* 375

Tait LJ
See Burrows WH *et al.* 707
Tan B
See Turner SR *et al.* 739
Tham FY
See Martin-Laurent F *et al.* 109
Thomas DS, Eamus D, Shanahan S
Influence of season, drought and xylem ABA on stomatal responses to leaf-to-air vapour pressure difference of trees of the Australian wet–dry tropics 143
Thrall PH, Young AG, Burdon JJ
An analysis of mating structure in populations of the annual sea-rocket, *Cakile maritima* (Brassicaceae) 731
Tobe K, Li X, Omasa K
Effects of sodium chloride on seed germination and growth of two Chinese desert shrubs, *Haloxylon ammodendron* and *H. persicum* (Chenopodiaceae) 455
Touchell DH
See Merritt DJ *et al.* 581
See Turner SR *et al.* 739
Turner DW
See Aguilar EA *et al.* 589
See Islam M *et al.* 435
See Merritt DJ *et al.* 581
Turner SR, Touchell DH, Dixon KW, Tan B
Cryopreservation of *Anigozanthos viridis* ssp. *viridis* and related taxa from the south-west of Western Australia 739

Unkovich MJ
See Grigg AM *et al.* 777

Weber DJ
See Gul B *et al.* 745
Whelan RJ
See Denham AJ *et al.* 261
See Richardson MBG *et al.* 357
Whitfeld SJ
See Larmour JS *et al.* 445
Williams PR
Fire-stimulated rainforest seedling recruitment and vegetative regeneration in a densely grassed wet sclerophyll forest of north-eastern Australia 651
Wilson BA, Aberton J, Cahill DM
Relationships between site factors and distribution of *Phytophthora cinnamomi* in the eastern Otway Ranges, Victoria 247
Wilson PG
See O'Brien MM *et al.* 621
Wiltshire RJE
See Jordan GJ *et al.* 561
Woinarski JCZ, Brennan KG, Cowie I, Fisher A, Latz PK, Russell-Smith J
Vegetation of the Wessel and English Company Islands, north-eastern Arnhem Land, Northern Territory, Australia 115
Wood GM
See Conran JG *et al.* 715

You R-l
See He T-h *et al.* 101
Young A, Miller C, Gregory E, Langston A
Sporophytic self-incompatibility in diploid and tetraploid races of *Rutidosis leptorrhynchoides* (Asteraceae) 667
Young AG
See Thrall PH *et al.* 731
Young AG, Murray BG
Genetic bottlenecks and dysgenic geneflow into re-established populations of the grassland daisy, *Rutidosis leptorrhynchoides* 409

Zentella R
See Iturriaga G *et al.* 153